

Utah Monthly Communicable Disease Report

July 2017



Background: The Utah Department of Health collects data on over 75 communicable diseases that affect the residents of Utah. These data are monitored by epidemiologists to detect changes in disease activity, and guide prevention and education efforts. More information can be found at <http://health.utah.gov/epi/>.

Note: Individual disease investigations take time to complete; for this reason, data in this report should be considered provisional and will change as more complete reports are received.

Current counts of selected reportable diseases,* compared to an historical 5-year average, July 2017

Disease/Condition	Jul 2017	5-yr Jul avg+	2017 YTD**	5-yr YTD avg+, **
Acinetobacter species resistant to carbapenems	8	U	38	U
Acute Flaccid Myelitis	0	U	0	U
Arbovirus infection (not including West Nile, Dengue, or Yellow Fever)	0	0.0	1	0.0
Babesiosis	0	0.0	0	0.0
Botulism, total	0	0.8	1	4.0
foodborne	0	0.4	0	0.4
infant	0	0.4	1	3.6
other (wound/unspecified)	0	0.0	0	0.0
Brucellosis	0	0.2	0	0.6
Campylobacteriosis	36	62.4	329	295.6
Chickenpox	2	8.2	116	150.0
Chlamydia	791	682.4	5773	4773.2
Cholera	0	0.0	0	0.0
Coccidioidomycosis	1	5.4	31	28.2
Colorado tick fever	0	0.2	0	0.4
Creutzfeldt-Jakob disease and other transmissible human spongiform encephalopathies	0	0.0	3	1.8
Cryptosporidiosis	7	16.6	65	63.0
Cyclosporiasis	0	0.2	7	1.6
Dengue	0	0.6	0	1.8
Ehrlichiosis/Anaplasmosis	0	0.0	1	0.4
Encephalitis	0	0.8	3	2.0
Enterobacter species resistant to carbapenems	5	U	27	U
Escherichia coli species with resistance or intermediate resistance to carbapenems	1	U	9	U
Giardiasis	19	22.8	97	116.8
Gonorrhea	228	111.8	1418	679.2
HIV infection	71	21.8	638	130.6
Haemophilus influenzae, all ages, invasive disease	7	2.8	41	26.4
nonserotype B, age < 5 years	2	0.4	5	1.0
serotype B, age < 5 years	0	0.0	0	0.0
unknown serotype, age < 5 years	1	0.2	5	1.4
Hansen's disease (Leprosy)	0	0.0	0	0.4
Hantavirus pulmonary syndrome	0	0.2	0	1.2
Hemolytic uremic syndrome, post-diarrheal	4	2.2	8	3.4
Hepatitis A	7	1.8	15	6.4
Hepatitis B, acute	0	1.4	6	5.4
Hepatitis B, chronic	23	21.8	175	167.2
Hepatitis C, acute	1	1.6	20	19.8
Hepatitis C, chronic	79	125.6	1189	917.2
Hepatitis, other viral	0	0.2	0	0.6
Influenza-associated hospitalizations§	8	2.4	966	650.2
Influenza-associated pediatric mortality§	0	0.0	0	1.8
Klebsiella species resistant to carbapenems	0	U	13	U
Legionellosis	4	2.4	15	14.4
Leptospirosis	0	0.0	0	0.4
Listeriosis	2	0.0	2	1.2

*Anthrax, Chancroid, Diphtheria, Poliomyelitis (paralytic & nonparalytic), Psittacosis, Rabies (human), Rubella (congenital), Severe Acute Respiratory Syndrome (SARS), Smallpox, Syphilis (congenital), Tetanus, Vancomycin-resistant Staphylococcus aureus (VRSA), Viral hemorrhagic fevers, and Yellow fever are not included in this report as there have been no cases reported in the state of Utah in the last five years.

+Averages are susceptible to skewing due to outbreaks and should be interpreted with care.

**YTD indicates counts are year-to-date.

§Influenza is best assessed seasonally. Weekly updates are available at <http://health.utah.gov/epi/diseases/influenza/surveillance/index.html>.

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Lyme disease	3	2.6	11	8.0
Malaria	0	0.6	3	3.4
Measles	0	0.0	3	1.0
Meningitis, aseptic	3	2.0	17	21.0
Meningitis, bacterial, other	2	1.8	14	8.4
Meningitis, viral	4	5.2	16	16.4
Meningococcal disease (Neisseria meningitidis)	0	0.2	1	2.6
Mumps	0	0.2	32	1.4
Pertussis	6	96.6	233	580.2
Plague	0	0.0	0	0.0
Q fever	0	0.0	0	2.4
Rabies, animal	1	2.2	4	4.8
Relapsing fever, tick-borne and louse-borne	0	0.0	0	0.2
Rubella	0	0.0	0	0.2
Salmonellosis	52	37.0	254	199.2
Shiga toxin-producing Escherichia coli (STEC) infection	15	19.2	47	45.6
Shigellosis	1	3.4	19	22.4
Spotted Fever Rickettsiosis (Rocky Mountain Spotted Fever)	0	1.6	0	4.0
Streptococcal disease, invasive, group A	2	8.0	29	71.6
Streptococcal disease, invasive, group B	8	10.6	52	62.6
Streptococcal disease, invasive, other	32	24.6	240	177.4
Streptococcus pneumoniae, invasive disease	4	9.0	113	126.0
age < 5 years	0	0.8	16	14.2
Syphilis, early (infection < 12 months)	4	8.8	78	56.4
primary & secondary	3	5.4	46	36.8
early latent	1	3.4	32	19.6
Syphilis, latent (infection > 12 months)	0	4.2	34	32.8
Toxic shock syndrome (staphylococcal or streptococcal)	0	1.2	11	13.8
Trichinellosis	0	0.2	0	0.2
Tuberculosis, active	0	3.0	19	18.2
Tularemia	0	1.6	1	2.6
Typhoid fever	0	0.0	0	0.6
Vancomycin-intermediate Staphylococcus aureus (VISA)	0	0.0	0	0.2
Vibriosis	1	1.0	8	2.8
West Nile virus, total	0	0.6	0	0.6
neuroinvasive disease	0	0.0	0	0.0
nonneuroinvasive disease	0	0.6	0	0.6
Zika Virus Disease	0	U	3	U

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